

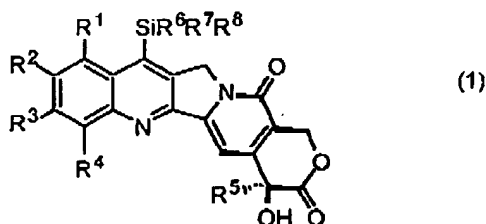
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Application No. 10/629,432

AMENDMENTS TO THE CLAIMS:

This listing of claims, in which claims 1-13 were previously canceled without prejudice and claims 14, 26 and 28-40 are currently amended will replace all prior versions and listings in the application:

1.-13. Canceled.

14. (Currently Amended) A method of treating a cancer patient with malignant melanoma, stomach cancer, breast cancer, ovarian cancer, lung cancer, colorectal cancer or [[a]] leukemia patient, comprising the step of administering a pharmaceutically effective amount of a compound of Claim 1 having the following formula or a pharmaceutically acceptable salt thereof:



wherein  $R^1$  and  $R^2$  are independently the same or different and are hydrogen, an alkyl group, an aminoalkyl group, an alkylaminoalkyl group, a haloalkyl group, a hydroxyalkyl group, an alkenyl group, an alkynyl group, an alkoxyl group, an aryloxy group, a carbamoyloxy group, a halogen, a hydroxyl group, a nitro group, a cyano group, an azido group, a formyl group, a hydrazino group,  $-C(O)R^f$ , wherein  $R^f$  is an alkyl group, a haloalkyl group, an alkoxyl group, an amino group or a hydroxyl group, an amino group,

an alkylamino group, a dialkylamino group,  $-SR^c$ , wherein  $R^c$  is hydrogen,  $-C(O)R^f$ , an alkyl group, or an aryl group,  $-OC(O)R^d$  or  $-OC(O)OR^d$ , wherein  $R^d$  is an alkyl group; or

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$R^1$  and  $R^2$  together form a group of the formula  $-O(CH_2)_nO-$  wherein  $n$  represents the integer 1 or 2;

$R^3$  is H, F, a halogen atom, a nitro group, an amino group, a hydroxyl group, or a cyano group; or  $R^2$  and  $R^3$  together form a group of the formula  $-O(CH_2)_nO-$  wherein  $n$  represents the integer 1 or 2;

$R^4$  is H, F, a C1-3 alkyl group, a C2-3 alkenyl group, a C2-3 alkynyl group, or a C1-3 alkoxy group;

$R^5$  is a C1-10 alkyl group, or a propargyl group; and

$R^6$ ,  $R^7$  and  $R^8$  are independently a C1-10 alkyl group, a C2-10 alkenyl group, a C2-10 alkynyl group, an aryl group or a  $-(CH_2)_N R^9$  group, wherein  $N$  is an integer within the range of 1 through 10 and  $R^9$  is a hydroxyl group, alkoxy group, an amino group, an alkylamino group, a dialkylamino group, a halogen atom, a cyano group or a nitro group;

~~wherein provided that wherein one of  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  is H, a halogen, an alkyl group, an amino group or a nitro group at least on or one other of  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  is not H, a halogen, or an alkyl group, an amino group or a nitro group.~~

15. (Previously presented) The method of Claim 14, wherein  $R^4$  is H.

16. (Previously presented) The method of Claim 14, wherein  $R^1$  and  $R^2$  are independently the same or different and are H, a hydroxy group, a halogen, an amino group, a nitro group, a cyano group, a C1-3 alkyl group, a C2-3 alkenyl group, a C2-3 alkynyl group or a C1-3 alkoxy group.

17. (Previously presented) The method of Claim 14, wherein  $R^1$  and  $R^2$  are independently the same or different and are a C1-3 perhaloalkyl group, a C1-3 aminoalkyl group, a C1-3 alkylamino group or a C1-3 dialkylamino group.

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18. (Previously presented) The method of Claim 14, wherein  $R^1$  and  $R^2$  are independently the same or different and are H, a methyl group, an amino group, a nitro group, a cyano group, or a hydroxyl group.

19. (Previously presented) The method of Claim 14, wherein  $R^1$  and  $R^2$  are independently the same or different and are a methylamino group, a dimethylamino group, an ethylamino group, a diethylamino group, a hydroxymethyl group, an aminomethyl group, a methylaminomethyl group, or a dimethylaminomethyl group.

20. (Previously presented) The method of Claim 14, wherein  $R^3$  is F, an amino group, or a hydroxyl group.

21. (Previously presented) The method of Claim 14, wherein  $R^5$  is an ethyl group.

22. (Previously presented) The method of Claim 14, wherein  $R^6$ ,  $R^7$  and  $R^8$  are independently the same or different and are a C1-6 alkyl group, a phenyl group or a  $-(CH_2)_N R^9$  group, wherein N is an integer within the range of 1 through 6 and  $R^9$  is a hydroxyl group, alkoxy group, an amino group, an alkylamino group, a dialkylamino group, a halogen atom, a cyano group or a nitro group.

23. (Previously presented) The method of Claim 14, wherein  $R^6$ ,  $R^7$  and  $R^8$  are methyl groups.

24. (Previously presented) The method of Claim 14, wherein  $R^2$  and  $R^3$  form a methylenedioxy group, or a 1,2-ethylenedioxy group.

25. (Previously presented) The method of Claim 14, wherein  $R^3$  is F.

26. (Currently Amended) The method of Claim 14, wherein the compound is ~~7-trimethylsilyl-camptothecin~~, 7-trimethylsilyl-10-acetoxy camptothecin, 7-trimethylsilyl-10-hydroxy camptothecin, ~~7-trimethylsilyl-11-fluoro-camptothecin~~,

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~~7-trimethylsilyl-9-fluoro~~ camptothecin, ~~7-trimethylsilyl-10-fluoro~~ camptothecin,  
~~7-trimethylsilyl-10-amino~~ camptothecin, ~~7-trimethylsilyl-11-amino~~ camptothecin,  
7-trimethylsilyl-11, 12-difluoro camptothecin, 7-trimethylsilyl-9, 10-difluoro  
camptothecin, 7-trimethylsilyl-10-amino-11-fluoro camptothecin,  
~~7-tert-butyl dimethylsilyl~~ camptothecin, 7-tert-butyl dimethylsilyl-10-acetoxy  
camptothecin, 7-tert-butyl dimethylsilyl-10-hydroxy camptothecin, 7-dimethyl-  
3-cyanopropylsilyl camptothecin, 7-dimethyl-3-halopropylsilyl camptothecin,  
7-triphenylsilyl camptothecin, ~~7-triethylsilyl~~ camptothecin, 7-dimethylnorpinylsilyl  
camptothecin.

27. (Previously presented) The method of Claim 14, wherein  $R^2$  is a hydroxy group.

28. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^4$  is H.

29. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^1$  is H, a hydroxyl group, a halogen, an amino group, a nitro group, a cyano group, a C<sub>1-3</sub> alkyl group, a C<sub>2-3</sub> alkenyl group, a C<sub>2-3</sub> alkynyl group or a C<sub>1-3</sub> alkoxyl group.

30. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^1$  is a C<sub>1-3</sub> perhaloalkyl group, a C<sub>1-3</sub> aminoalkyl group, a C<sub>1-3</sub> alkylamino group or a C<sub>1-3</sub> dialkylamino group.

31. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^1$  is H, a methyl group, an amino group, a nitro group, a cyano group, or a hydroxyl group.

32. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^1$  is a methylamino group, a dimethylamino group, an ethylamino group, a diethylamino group, a hydroxymethyl group, an aminomethyl group, a methylaminomethyl group, or a dimethylaminomethyl group.

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33. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^3$  is F, an amino group, or a hydroxyl group.

34. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^5$  is an ethyl group.

35. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^6$ ,  $R^7$  and  $R^8$  are independently the same or different and are a C<sub>1-6</sub> alkyl group, a phenyl group or a  $-(CH_2)_N R^9$  group, wherein N is an integer within the range of 1 through 6 and  $R^9$  is a hydroxyl group, alkoxy group an amino group, an alkylamino group a dialkylamino group, a halogen atom, a cyano group or a nitro group.

36. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^6$ ,  $R^7$  and  $R^8$  are methyl groups.

37. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^2$  and  $R^3$  form a methylenedioxy group, or a 1,2-ethylenedioxy group.

38. (Currently Amended) The ~~compound~~ method of Claim 27, wherein  $R^3$  is F.

39. (Currently Amended) The ~~compound~~ method of Claim 27, wherein the compound is 7-trimethylsilyl-10-hydroxy camptothecin or 7-tert-butyldimethylsilyl-10-hydroxy camptothecin.

40. (Currently Amended) The ~~compound~~ method of Claim 27, wherein the compound is 7-tert-butyldimethylsilyl-10-hydroxy camptothecin.